

- Drying surface capture-type ultrafiltration membrane
- comprises swelling membrane having outer skin by wetting with hydrophilic organic solvent and drying, preventing fibres adhering.

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To clean the ultrafiltration membrane having an outer surface skin layer it is swelled by wetting it with hydrophilic organic solvent and is then dried.

USE/ADVANTAGE - Used for drying surface catching type ultrafiltration membrane esp. for drying hollow fibre membrane directly after gelation and rinsing processes. The method prevents fibres from sticking to each other and gives hollow fibre membranes without deteriorating the skin layers.

In an example hollow fibre membranes that have skin layer on their outside surface, were wet spinned from polysulphone. They were immersed into 99.5% ethanol were made to dry in warm (50 deg.C) air flow. Sticking between fibres was not observed. Permeability of water through the membrane and the fractionation characteristics were homogeneous.

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